PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application Number 09/961131-Conf. #4504 Filing Date **TRANSMITTAL** September 21, 2001 First Named Inventor **FORM** David J. Gourley Art Unit 2162 (to be used for all correspondence after initial filing) Examiner Name C. Y. T. Truong Attorney Docket Number Total Number of Pages in This Submission 0109878.00124US1

ENCLOSURES (Check all that apply)						
Fee Trans	mittal Form	Drawing(s)	,	After Allowance Communication to TC		
Fee Attached		Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences		
Amendme	nt/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
After	r Final	Petition to Convert to a Provisional Application		Proprietary Information		
Affid	lavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence A		Status Letter		
Extension	of Time Request	Terminal Disclaimer		X Other Enclosure(s) (please Identify below):		
Express A	bandonment Request	Request for Refund		PTO Form SB-08 16 Non-U.S. References		
x Information	n Disclosure Statement	CD, Number of CD(s)		Return Postcard		
Certified C Document	copy of Priority (s)	Landscape Table on CD				
	lissing Parts/ Application	Remarks (
	y to Missing Parts under FR 1.52 or 1.53					
	**					
	``SIGNATI	URE OF APPLICANT, ATTORI	NEY, OR	AGENT		
Firm Name	Firm Name WILMER CUTLER PICKERING HALE AND DORR LLP					
Signature	Signature and holery it len					
Ann-Louise Kerner, Ph.D.						
Date	March 16, 2006	F	Reg. No.	33,523		



Docket No.: 0109878.00124US1 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

David J. Gourley et al.

Application No.: 09/961131

Confirmation No.: 4504

Filed: September 21, 2001

Art Unit: 2162

For: SCALABLE HIERARCHICAL DATA-DRIVEN

NAVIGATION SYSTEM AND METHOD FOR

INFORMATION RETRIEVAL

Examiner: C. Y. T. Truong

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sir:

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No fee is required.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Dated: March 16, 2006

Respectfully submitted,

Ann-Louise Kerner, Ph.D.

Registration No.: 33,523

WILMER CUTLER PICKERING HALE AND

DORR LLP

60 State Street

Boston, Massachusetts 02109

(617) 526-6000

Attorney for Applicant

Attorney Docket No.: 0109878.00124US1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 09/961131

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

March 16, 2006 Date

Anthony W. Sutton

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 526-6000

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

PTO Form SB-08

16 Non-U.S. References Return Postcard

IDS (Citation) by Applicant (3 pages)

Information Disclosure Statement (1 page)

Transmittal (1 page)

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3

Complete if Known					
Application Number	09/961131-Conf. #4504				
Filing Date	September 21, 2001				
First Named Inventor	David J. Gourley				
Art Unit	2162				
Examiner Name	C. Y. T. Truong				
Attorney Docket Number	0109878.00124US1				

Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevar Figures Appear
/CT/	AA*	US-4,775,935	10-04-1988	Yourick	
8	AB*	US-4,868,733	09-19-1989	Fujisawa et al.	
8	AC*	US-5,241,671	08-31-1993	Reed et al.	
- 8	AD*	US-5,418,717	05-23-1995	Su et al.	
000		US-5,418,951	05-23-1995	Damashek	
	AF*	US-5,440,742	08-08-1995	Schwanke	, , , , , , , , , , , , , , , , , , ,
-	AG*	US-5,485,621		Schwanke	
000		US-5,544,049		Henderson et al.	
	AI*	US-5,546,576		Cochrane et al.	-
	AJ*	US-5,548,506		Srinivasan	
8		US-5,590,269	12-31-1996		
-		US-5,600,829		Tsatalos et al.	
-		US-5,630,125	05-13-1997		
- 8		US-5,634,128		Messina	
_		US-5,675,784		Maxwell et al.	
- 8		US-5,696,916	12-09-1997	Yamazaki et al.	
		US-5,724,571		Woods	· · · · · · · · · · · · · · · · · · ·
		US-5,740,425		Povilus	
-		US-5,749,081	05-05-1998		
		US-5,764,975		Taniguchi et al.	
- 8		US-5,812,998		Tsutsumi et al.	
		US-5,835,905	11-10-1998		-
		US-5,852,822		Srinivasan et al.	
-					**************************************
-		US-5,864,845 US-5,864,846		Voorhees et al.	-
		US-5,864,863		Voorhees et al. Burrows	
		US-5,870,746		Knutson et al.	
		US-5,873,075		Cochrane et al.	
x		US-5,875,440		Cooperman et al.	
		US-5,875,446-		Brown et-al-	
		US-5,878,423		Anderson et al.	
				Srinivasan et al.	
		US-5,895,470		Pirolli et al.	
		US-5,897,639		Greef et al.	
				Li	
				Miller et al.	
			08-17-1999		
		US-5,943,670	08-24-1999		
			09-07-1999		
				Jacobson et al.	
		US-5,978,788		Castelli et al.	
				Agrawal et al.	
$\backslash I/I$	AQ1*	US-5,978,799	11-02-1999	Hirsch	
W	AR1*	US-5,983,223		Perlman	
				Chiu et al.	
xaminer	Ī	/Cam Y Tru		Date Considered	08/19/2009

5566610

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known		
				Application Number	09/961131-Conf. #4504	
1	NFORMATIO	N DI	SCLOSURE	Filing Date	September 21, 2001	
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	David J. Gourley	
				Art Unit	2162	
	(Use as many sheets as necessary)			Examiner Name	C. Y. T. Truong	
Sheet	2	of	3	Attorney Docket Number	0109878.00124US1	

\sqrt{C}	T/ AT1*	US-5,987,468	11-16-1999	Singh et al.	\neg
		US-5,987,470	11-16-1999	Meyers et al.	П
	AV1*	US-5,991,756	11-23-1999		
90	AW1	US-6,006,217	12-21-1999	Lumsden	
8	*				
		US-6,006,218	12-21-1999	Breese et al.	
		US-6,006,222	12-21-1999		
		US-6,006,225		Bowman et al.	
	AA2*	US-6,009,424		Lepage et al.	
8		US-6,012,006		Ohneda et al.	
		US-6,014,639	01-11-2000		
		US-6,014,655		Fujiwara et al.	
		US-6,014,657	01-11-2000		
		US-6,014,665	01-11-2000		
		US-6,028,605		Conrad et al.	
		US-6,029,195	02-22-2000		
		US-6,038,560	03-14-2000		
I		US-6,038,574	03-14-2000		
		US-6,070,162		Miyasaka et al.	
		US-6,112,186	08-29-2000		
<u> </u>		US-6,144,958		Ortega et al.	
		US-6,236,985		Aggarwal et al.	
		US-6,240,378		Imanaka et al.	
		US-6,240,409	05-29-2001		
		US-6,243,713		Nelson et al.	
		US-6,263,334		Fayyad et al.	
L		US-6,269,368	07-31-2001		_
		US-6,272,507	08-07-2001		
<u> </u>		US-6,289,354		Aggarwal et al.	
		US-6,301,577		Matsumoto et al.	_
	AW2	US-6,317,741	11-13-2001	Burrows	
-	AVO	UC C 000 707	01 15 0000	Diverse et al	\dashv
		US-6,339,767		Rivette et al.	\dashv
		US-6,385,602	05-07-2002		4
		US-6,397,221	05-28-2002		ᅴ
 		US-6,446,068	09-03-2002		\dashv
		US-6,519,618	02-11-2003		긕
	ADO:	US-6,611,825		Billheimer et al.	\dashv
		US-6,633,868	10-14-2003		4
 		US-6,647,391	11-11-2003		4
├ ┪	AF3	US-6,697,801		Eidredge et al.	닉
	AUGS"			Subramaniam et al.	\dashv
-/c³		US-6,845,354	01-18-2005		\dashv
_/\	/ AI3*	US-6,853,982	02-08-2005	Smith et al.	┙

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
Examiner Signature /Cam Y Truong/ Date Considered 08/19/29					08/19/2009		

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sut	ostitute for form 1449A/B/P	то		Complete if Known		
		-		Application Number	09/961131-Conf. #4504	
11	NFORMATIO	N DIS	CLOSURE	Filing Date	September 21, 2001	
l s	TATEMENT	BY A	PPLICANT	First Named Inventor	David J. Gourley	
				Art Unit	2162	
	(Use as many si	ḥeets as i	necessary)	Examiner Name	C. Y. T. Truong	
Sheet	3	of	3	Attorney Docket Number	0109878.00124US1	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/CT/	CA	Amato, et al., "Region proximity in metric spaces and its use for approximate similarity search", ACM Trans. In. System, (2003), Vol. 21(2), pp. 192-227	
300000000	СВ	BERGSTROM, "A family of delphi components for case-based reasoning", Proceedings 11th IEEE International Conference on Chicago, (1999), pp. 153-160	
	CC	BEYER et al., "When is 'Nearest Neighbor' meaningful", Proceedings of the 7th International Conference on Database Theory", (1999)	
000000000000000000000000000000000000000	CD	DIAMANTINI et al., "A conceptual indexing method for content-based retrieval", Database and Expert Systems Applications. Proceedings Tenth Workshop on Florence Italy, (1999), pp. 192-197	
000000000	CE	GUHA et al., "ROCK: A robust clustering algorithm for categorical attributes", Data Engineering Proceedings 15th International Conference on Sidney, (1999), pp. 512-521	
-	CF	GUTTMAN, "R-Trees: A dynamic index structure for spatial searching", Proceedings of the ACM SIG-MOD Conference, (1984)	
	CG	HAN-JOON, K. et al., "An effective document clustering method using user-adaptable distance metrics.", SAC, (2002), 16-20	
	СН	HONGYAN JING, "Information retrieval based on context distance and morphology", Proceedings of the 22nd annual international ACM SIGIR conference on Research and Development in information retrieval, pp. 90-96, August 1999	
	CI	HINNEBURG et al., "What is the nearest neighbor in high dimensional spaces", Proceedings of the 26th VLDB Conference, (2000)	
	ટ	MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997)	
	CK	MILLER et al., "Integrating Hierarchical Navigation and Querying: A User Customizable Solution" ACM Multimedia Workshop on Effective Abstractions in Multimedia Layout, Presentation, and Interaction, San Francisco, CA, November (1995).	
000000000	CL	PI-SHENG, "Using case-based reasoning for decision support", Proceedings of the 27th Annual Hawaii International Conference on System Sciences, (1994), pp. 552-561	
500000000	СM	SALTON et al., "Term-weighting approaches in automatic test retrieval", Information Processing & Management, (1988), Vol. 24(5), pp. 513-523	
00000000	CN	SHAMOS et al., "Closest-point problems", Proceedings of the 16th Annual Symposium on Foundations of Computer Science, IEEE (1975)	
V	СО	Yahoo!, Copyright 1999 Yahoo! Inc., http://web.archive.org/web/19991116151216/http://www4.yahoo.com/ .	_
/CŤ/	СР	Yahoo 1996 (Exhibit 12-16)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	/Cam Y Truong/	Date Considered	08/19/2009
5566610			3 3 7 4 3 3 3 3 3